

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/680,049
		Filing Date	October 7, 2003
		First Named Inventor	Howard Greenblatt
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	1	Attorney Docket Number	103488-0021

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Information Disclosure Statement by Applicant (w/references attached) Return Postcard (in Duplicate)
Remarks		

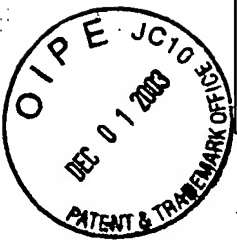
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	NUTTER MCCLENNEN & FISH LLP David J. Powsner
Signature	
Date	

Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 11/26/03Signature: [Signature] (David J. Powsner)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 11/26/03 Signature: (David J. Powsher)

Docket No.: 103488-0021
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Howard Greenblatt, et al.

Application No.: 10/680,049

Confirmation No.:

Filed: October 7, 2003

Art Unit: N/A

For: METHODS AND APPARATUS FOR
IDENTIFYING RELATED NODES IN A
DIRECTED GRAPH HAVING
NAMEDARCS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is given for only non-English language listed items.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information

as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 103488-0021. A duplicate copy of this paper is enclosed.

Dated: 11/26/03

Respectfully submitted,

By 

David J. Powsner

Registration No.: 31,868

NUTTER MCCLENNEN & FISH LLP

World Trade Center West

155 Seaport Boulevard

Boston, Massachusetts 02210-2604

(617) 439-2000

(617) 310-9000 (Fax)

Attorney for Applicant



Approved
U.S. Patent and Trademark Office
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays this approval stamp.

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Complete if Known

Application Number	10/680,049
Filing Date	October 7, 2003
First Named Inventor	Howard Greenblatt
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	103488-0021

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-5,974,441	10-26-1999	Rogers, et al.	
	AB	US-6,122,632	09-19-2000	Botts, et al.	
	AC	US-6,137,797	10-24-2000	Bass, et al.	
	AD	US-6,144,997	11-07-2000	Lamming, et al.	
	AE	US-6,330,554	12-11-2000	Altschuler, et al.	
	AF	US-6,240,417	05-29-2001	Eastwick, et al.	
	AG	US-6,177,932	01-23-2001	Galdes, et al.	
	AH	US-5,822,780	10-13-1998	Schutzman	
	AI	US-5,907,837	05-25-1999	Ferrel, et al.	
	AJ	US-2002/0049788-A1	04-25-2002	Lipkin, et al.	
	AK	US-6,389,460-B1	05-14-2002	Stewart, et al.	
	AL	US-2002/0178232-A1	11-28-2002	Ferguson	
	AM	US-6,243,713-B1	06-05-2001	Nelson, et al.	
	AN	US-2002/0091678-A1	07-11-2002	Miller, et al.	
	AO	US-2003/0050929-A1	03-13-2003	Bookman, et al.	
	AP	US-2003/0050834-A1	03-13-2003	Caplan	
	AQ	US-2003/0074369-A1	04-17-2003	Scheutze, et al.	
	AR	US-2003/0109951-A1	06-12-2003	Hsiung, et al.	
	AS	US-2002/0049603-A1	04-25-2002	Mehra, et al.	

FOREIGN PATENT DOCUMENTS

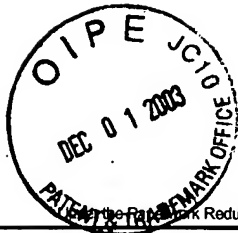
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Berniers-Lee et al. RFC 2396: Uniform Resource Identifiers (URI): Generic Syntax (August 1998) http://www.cs.tut.fi/~jkorpela/rfc/2396/full.html , 23 pages, downloaded on 2/20/2003.	
		Forgy, Charles L. "Rete: A Fast Algorithm for the Many Pattern/Many Object Pattern Match Problem," <i>Artificial Intelligence</i> Vol. 19 (1982) pp. 17-37.	
		Melnik, Sergey, "Storing RDF in a relational database," http://www-db.stanford.edu/~melnik/rdf/db.html , 5 pages, downloaded on 20/20/2003.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--



PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Patent and Trademark Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<div>Substitute for form 1449A/B/PTO</div> <div>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div>(Use as many sheets as necessary)</div>				Complete if Known	
				Application Number	10/680,049
				Filing Date	October 7, 2003
				First Named Inventor	Howard Greenblatt
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	103488-0021

		Quinlan, J. R., "Induction of Decision Trees," <u>Machine Learning</u> Vol. 1 (1986) pp. 18-106.	
		<u>Resource Description Framework (RDF) Model and Syntax Specification W3C Recommendation</u> (February 22, 1999) http://www.w3.org/TR/1999/REC-rdf-syntax-19990222/ , 34 pages, downloaded on 2/20/2003.	
		"The Rete Algorithm," http://herzberg.ca.sandia.gov/jess/docs/52/rete.html , 3 pages, downloaded on 2/20/2003.	
		<u>"Inkling: RDF Query Using SquishQL,"</u> downloaded from http://swordfish.rdfweb.org/rdfquery/ on 3/20/2003, 2 pages.	
		<u>"rdfDB Query Language,"</u> downloaded from http://www.quha.com/rdfdb/query.html on 3/20/2003, 4 pages.	
		<u>"RDQL - RDF Data Query Language,"</u> Hewlett-Packard Company, © 1994-2003, downloaded from http://www.hpl.hp.com/semweb/rdql.htm on 3/20/2003, 3 pages.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--